

## WHAT IS CLAIMED IS:

1. A display control device including an image data writing means, a graphics memory connected to the writing means, a data transfer means responsive to a command from the writing means for reading data from the graphics memory, and transferring data to a display means, and a write region detection means responsive to addresses accessed by the image data writing means for detecting a region including all the addresses, wherein when the image data writing means issues a transfer command, said transfer means transfers to the display means only such data that is in the region detected by said write region detecting means.

2. The display control device as set forth in Claim 1, wherein said region detecting means detects, as said write region, the region from the minimum vertical direction address and the maximum vertical direction address among the addresses accessed by said image writing means.

3. The display control means as set forth in claim 2, wherein said region detecting means detects, as said write region, the region from the minimum vertical direction address to the maximum vertical direction address among the addresses accessed by said image writing means, and from the minimum horizontal direction address to the maximum horizontal direction address among the addresses accessed by said image writing means.

4. The display control device as set forth in claim 2, wherein said region detecting means detects, as said write region, a rectangular region from the minimum vertical direction address to the maximum vertical direction address among the addresses accessed by said image writing means,

and from a minimum horizontal direction address to the maximum horizontal direction address of a screen.